

FIG. 1

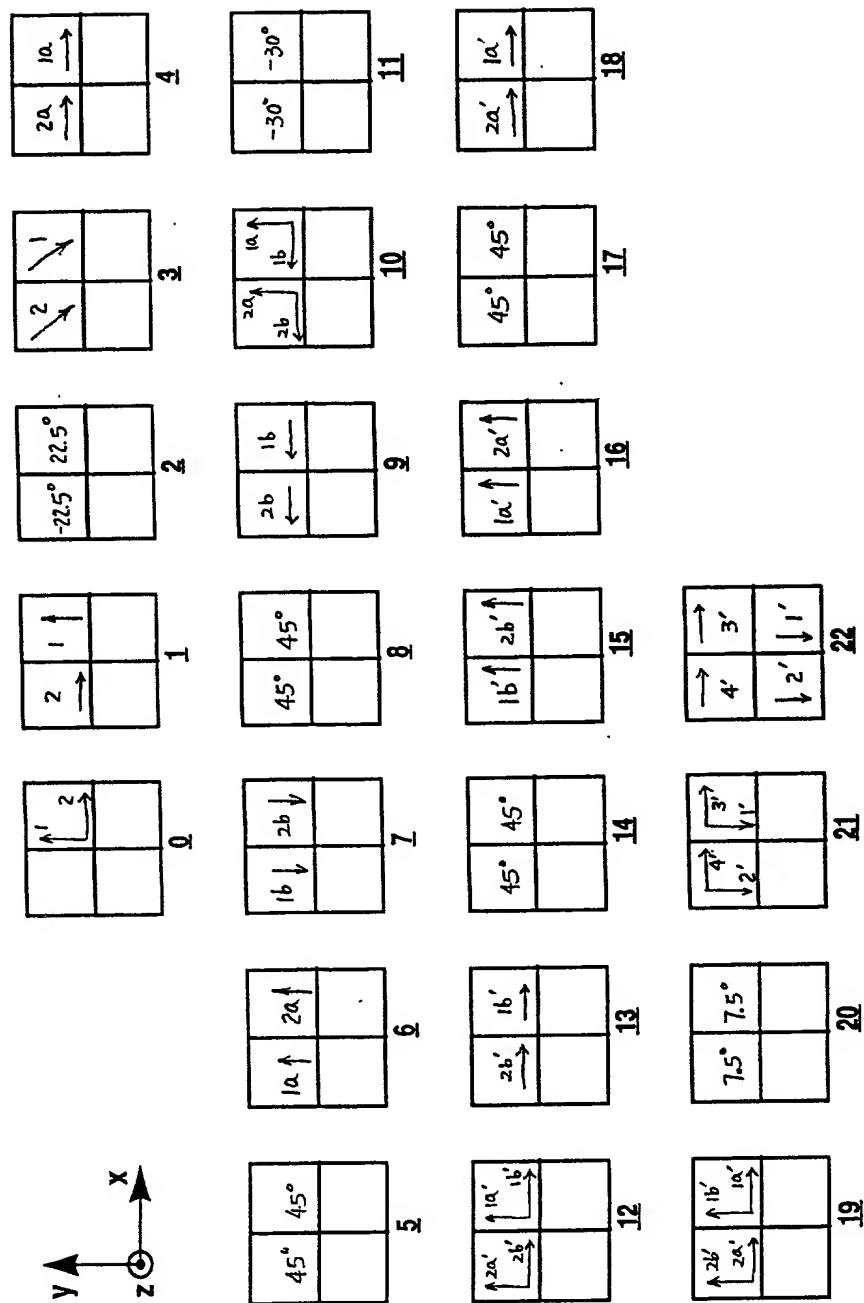


FIG. 2a

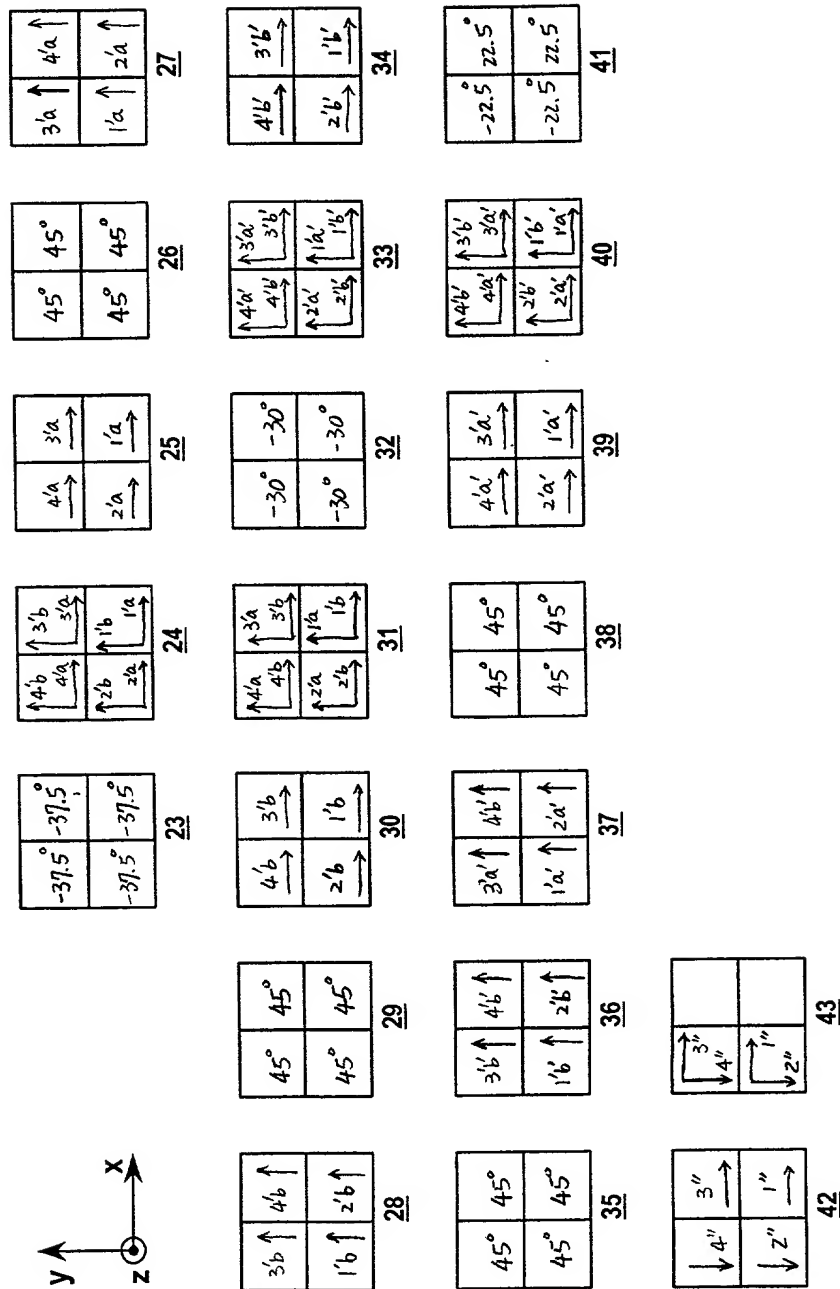


FIG. 2b

The graph shows the transmission spectrum of the device. The y-axis is labeled 'Transmission (dB)' and ranges from 0 to -60 in increments of 10. The x-axis is labeled 'Wavelength (nm)' and has major ticks at 1536.4, 1536.9, and 1537.4. The spectrum features a broad passband centered around 1536.9 nm, where the transmission is near 0 dB. There are two sidebands: one on the left (lower wavelengths) and one on the right (higher wavelengths). The left sideband shows a sharp drop in transmission starting around 1536.4 nm, reaching -60 dB by approximately 1536.35 nm. The right sideband shows a sharp drop in transmission starting around 1537.35 nm, reaching -60 dB by approximately 1537.4 nm. The main passband is bounded by these sharp drops, with a slight dip in transmission around 1536.9 nm.

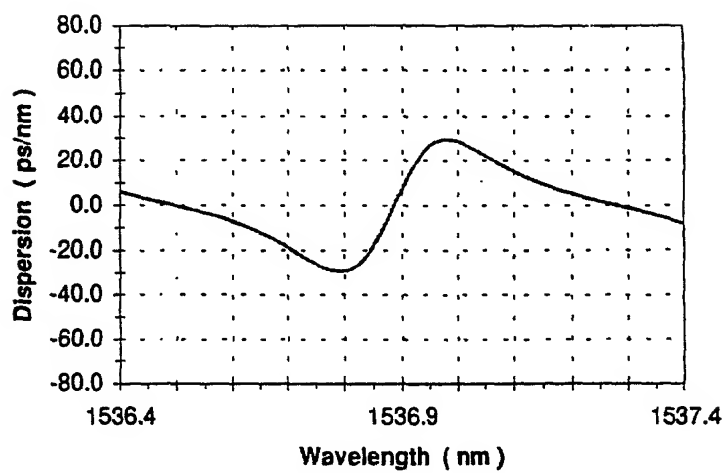


FIG. 6

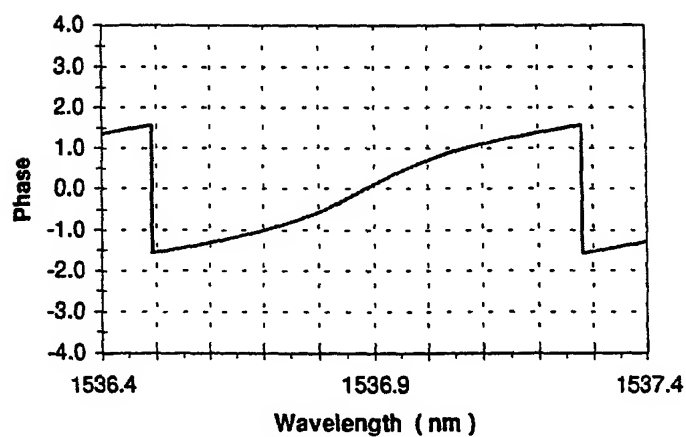


FIG. 7

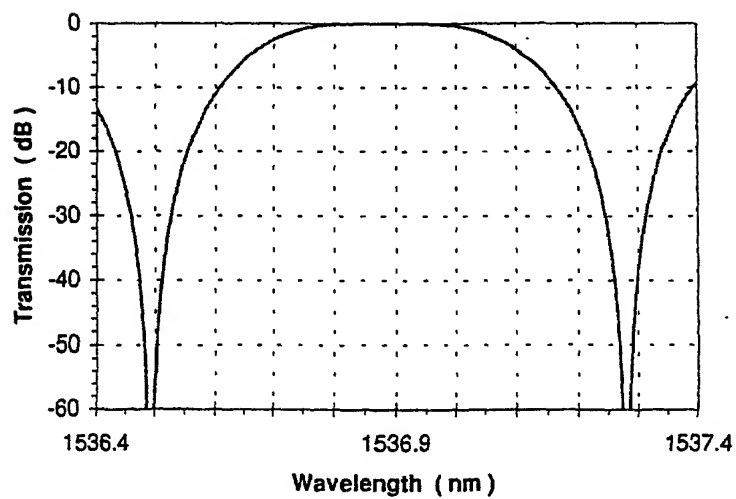


FIG. 8

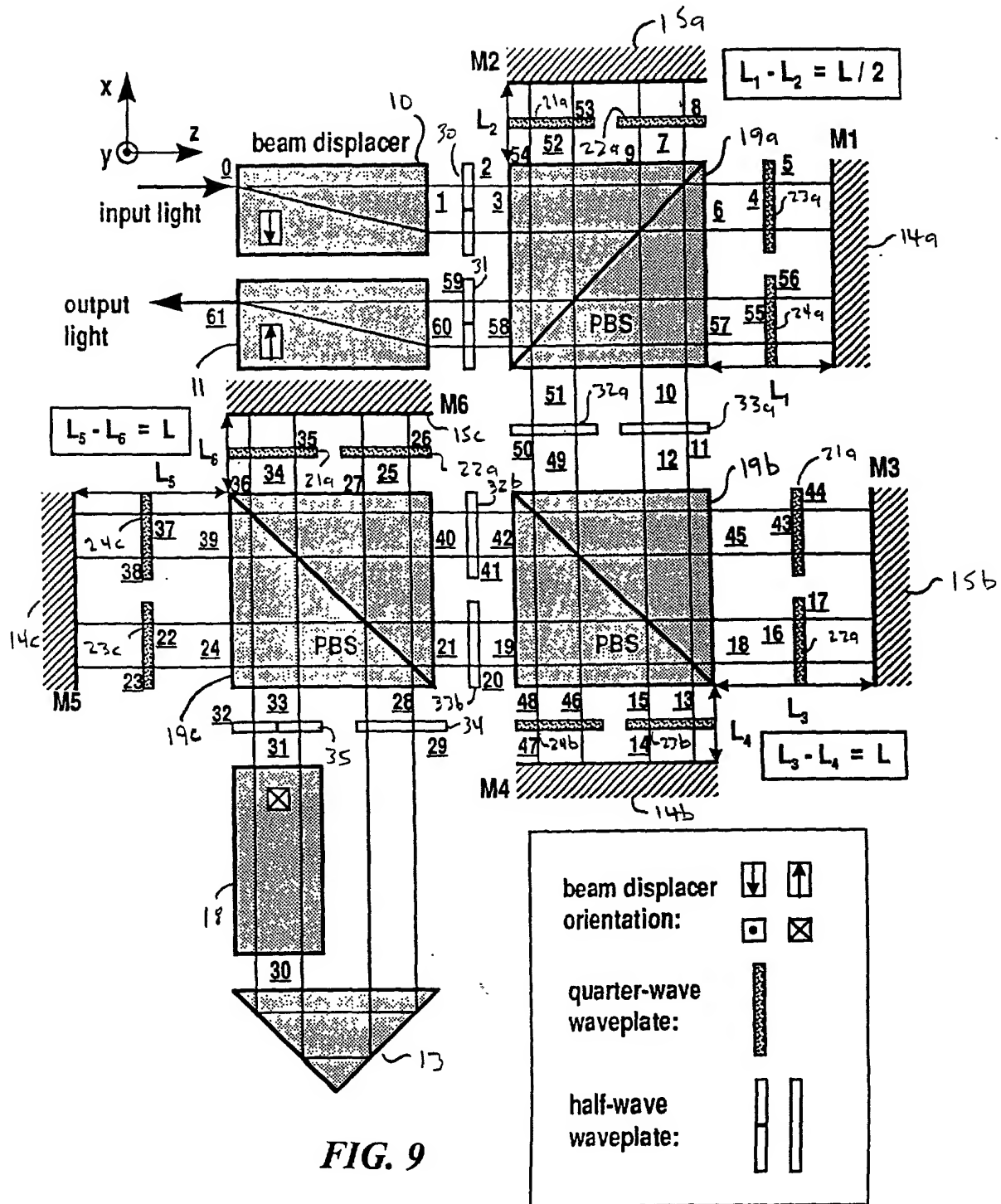


FIG. 9

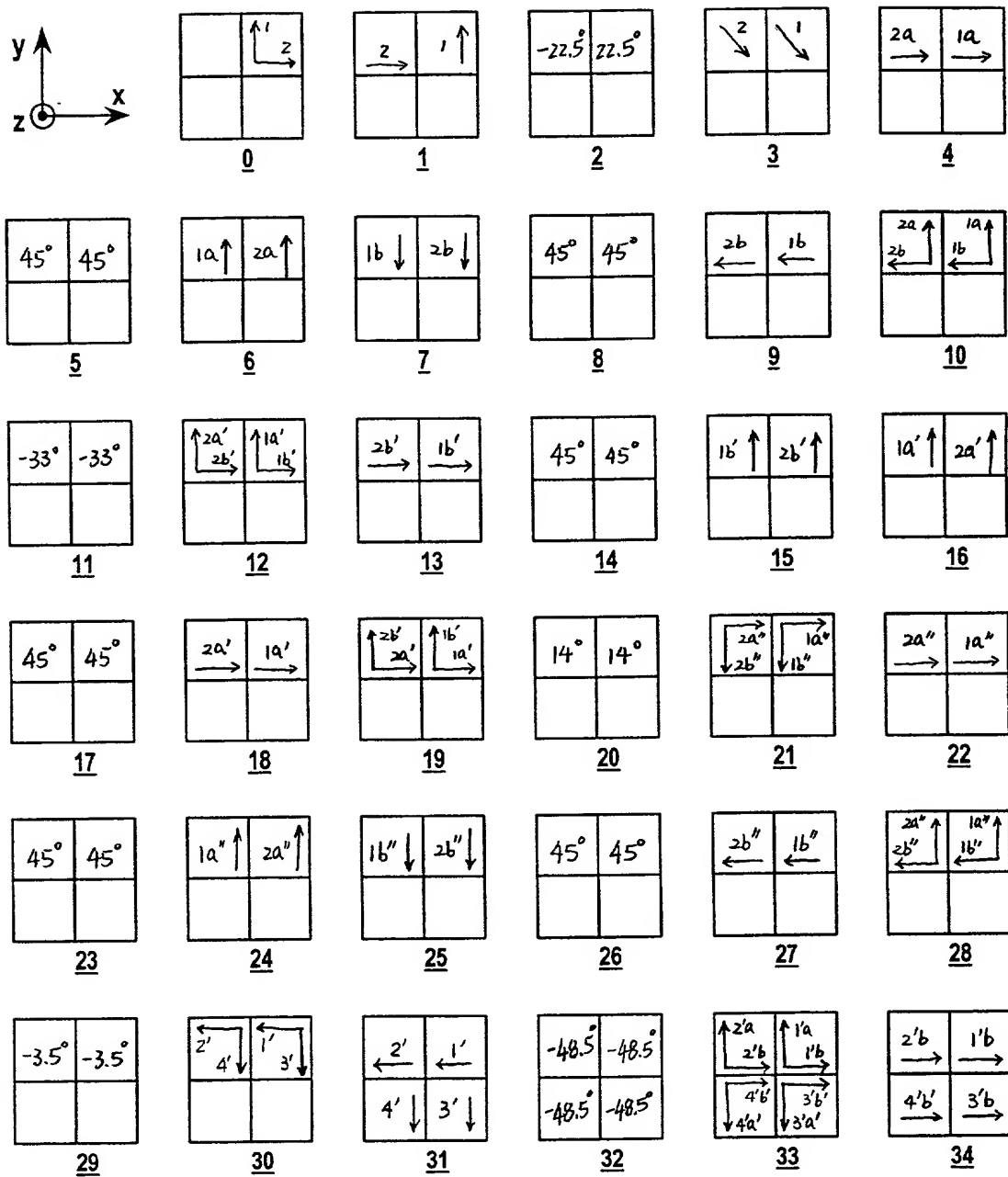


FIG. 10a

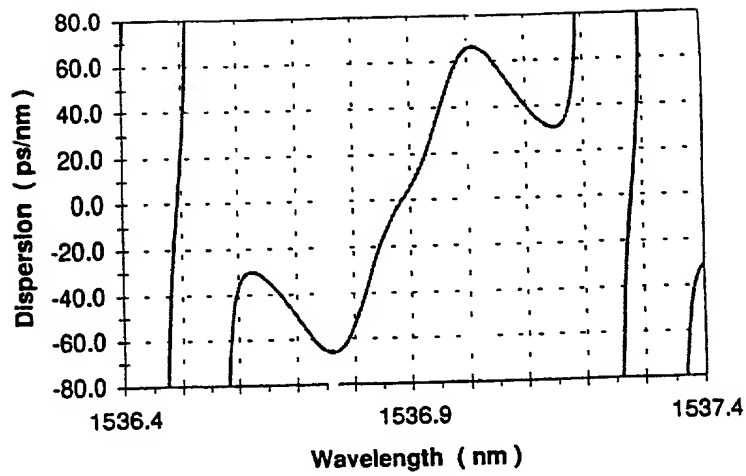


FIG. 14

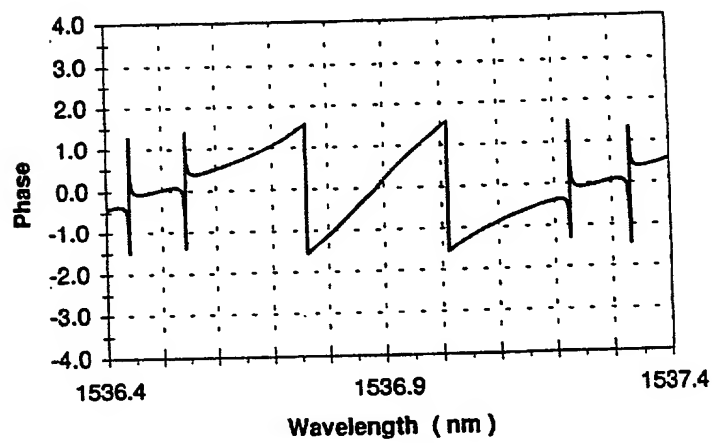


FIG. 15

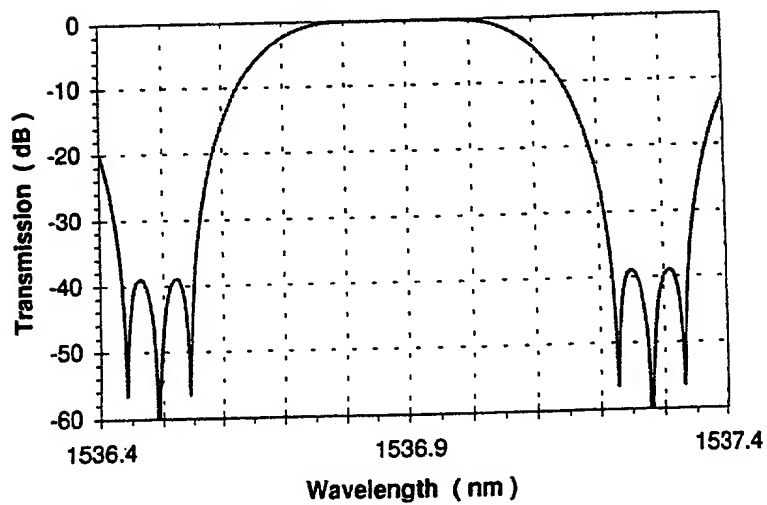


FIG. 16

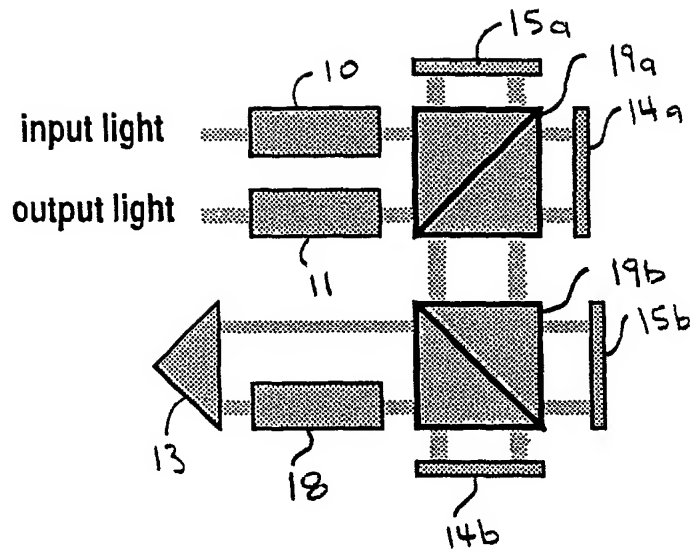


FIG. 17

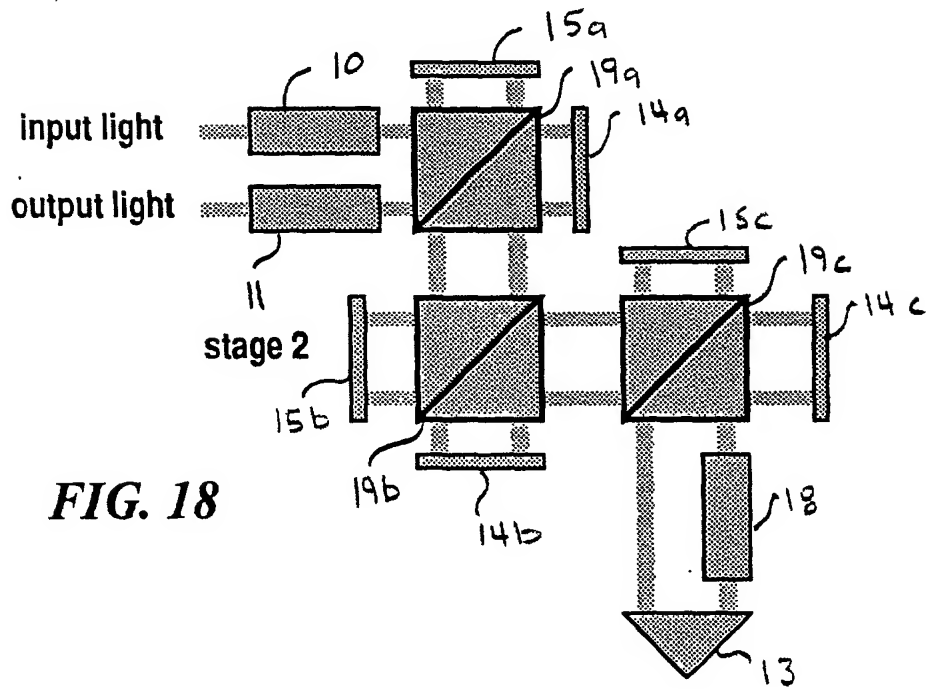


FIG. 18

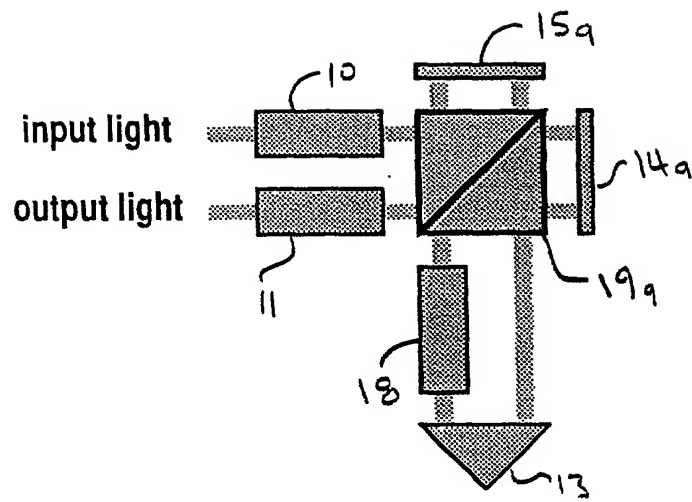


FIG. 19